

Master “C Language” in 30 Days Challenge

Day 2

By TECH INVOLVERS

Instructions:

- Read the problem carefully before trying to solve it.
- Do the tasks on your own. Don't copy it.
- The output of your program must be same as given in sample run.

Problem 1:

Write a program that reads the length and width of a rectangle from user and displays its area.

Sample Run:

Enter length of rectangle = 7

Enter width of rectangle = 9

Area of the rectangle = 63

Problem 2:

Write a program that takes five integers from the user in a single line and displays its sum and average (Up to two decimal places).

Sample Run:

Enter five numbers: 1 2 3 4 5

Sum: 15

Average: 3.00

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Problem 3:

Write a program that reads two numbers from user and prints 1 if both numbers are equal, otherwise prints 0. (Use Relational Operator).

Sample Run:

First number: 7

Second number:7.0000

1

Problem 4:

Write a program that takes two number(positive integers) from user and displays their Bitwise AND, Bitwise OR, Bitwise XOR, Right shift of first number with 2 and left shift of second number with 2.

Sample Run:

Enter two numbers: 3 5

3&5=1

3|5=7

3^5=6

3>>2=0

5<<2=20

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Problem 5:

Write a program that reads the age from the user and prints the following message “Sorry, you are not eligible for vote” if age is less than 18, otherwise prints “Bravo! You are eligible for vote.”(Using Ternary Operator).

Sample Run:

Age: 18

Bravo! You are eligible for vote.